

ELECTION/RESTRICTION

Applicant notes that Claims 32-42 were subject to an election/restrictions requirement by the Examiner on April 9, 2002. Applicant acknowledges the election without traverse to prosecute Claims 1-31 and the withdraw of Claims 32-42 from consideration in the present case. Applicant reserves the right to pursue Claims 32-42 in a subsequent divisional application.

IN THE SPECIFICATION


In the Office Action mailed April 18, 2002, the Examiner objected to the abstract "because it fails to comply with 37 C.F.R. 1.72(b) which requires that abstracts not exceed 150 words." Pursuant to §1.121 please replace the Specification paragraphs as indicated.

Please Delete the First full paragraph on Page 31, Lines 2-22, which states:

"A gas stream vortex mixing system for mixing gas is provided. The gas stream vortex mixing system includes a duct provided with an outer surface defining an interior passageway operable for communicating a gas. The gas stream vortex mixing system further includes at least one nozzle and at least one wing. The wing is disposed within the interior passageway of the duct and is operable for generating at least one vortex. The nozzle is disposed within the interior passageway of the duct. The nozzle is operable to discharge a mixture into the interior passageway of the duct. The present invention provides a method of mixing gas by creating a predictable and ordered vorticity. The method includes providing the

gas stream vortex mixing system and providing a supply of combustion gas into the interior passageway of the duct such that the combustion gas passes about at least one of the wings of the gas stream vortex mixing system generating a vortex. The method further includes discharging the mixture from at least one nozzle into the vortex such that the mixture is homogenized with the combustion gas within the vortex."

And replace with the following new Abstract:

 "A gas stream vortex mixing system for mixing gas is provided. The gas stream vortex mixing system includes a duct provided with an outer surface defining an interior passageway operable for communicating a gas. The gas stream vortex mixing system further includes at least one nozzle and at least one wing. The wing is disposed within the interior passageway of the duct and is operable for generating at least one vortex. The nozzle is disposed within the interior passageway of the duct. The nozzle is operable to discharge a mixture into the interior passageway of the duct."

Please note that attached Exhibit B provides an edited version of the substituted specification paragraphs with marking to show the changes made. Applicant appreciates Examiner noting Applicant's oversight and Applicant requests entry of the amended Abstract, which complies with 37 C.F.R. 1.72(b).